10 Marks Questions

1. What is Computer Virus and What are its different types? How it can be detected and prevented?
2. Give an account of Generation of Computer generations.
3.
4. Classify memory in details.
5. What is the use of Memory in a Computer? Give a clear description about its classifications.
6. What is computer memory. Briefly describe the memory hierarchy ?
7. What is memory hierarchy? Explain the main features of the various types of memory present at different levels of this hierarchy?
8. Differentiate between primary memory and secondary memory used in PC. Give proper example to substantiate your answer?
9. Define an operating system. Discuss about the major function of any operating system.
10. Summerize the features of DOS, UNIX, Windows Operating System.
11. Compare the various features of windows and UNIX operating system. Give suitable example to substantiate your answer
12. Discuss about the various categories of computer network. Give a comparisons between LAN and WAN.
13. Describe various categories of network with example
14. What is File? Describe the File Access methods:Sequential, Direct and ISAM.
15. Briefly write several types of Networking devices used to form a network.
16. Define Topology. Write on various types of connecting media used to form a network.
17. Draw the flowchart and write a program in 'C' to Calculate the factorial of a number.
18. Draw a flowchart and write a program in C to calculate the sum of the first 10 natural numbers ?
19. Define call by value and call by reference with sample C program ?
20. What is Virus? How does virus spread and what are the symptoms of virus attack? How can you prevent virus attack?
21. Give a comparison study of DOS, Windows and UNIX operating System.
22. Write a program in 'C' two multiply two 3x3 matrices.
23. What is looping? What are the different types of looping used

24. Draw a flowchart and write a program in C to get addition of all even numbers from 1 to 99.